

**ABSTRACT OF THE DISCLOSURE**

5 A technique is provided for communicating monitored data along with position data for an imaging system to a service center. In the present technique, an imaging system may be monitored to measure the operational conditions of the imaging system. In addition, positioning signals may be received at the imaging system from satellites associated with a satellite based positioning system to determine the position of the imaging system relative to a location on a map. With the operational conditions and the position data, the imaging system may utilize a low earth orbit transceiver to transmit the data to the service center.